



PATENT ABSTRACTS OF JAPAN

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(21) Application number: **2002040050**(71) Applicant: **SUMITOMO WIRING SYST LTD**(22) Date of filing: **18.02.02**(72) Inventor: **KATO KOICHI**

(54) **DEVICE AND METHOD FOR ASSEMBLING
 HARNESS ON VEHICLE PANEL, AND CABLE
 LAYING STRUCTURE**

(57) Abstract:

PROBLEM TO BE SOLVED: To reduce labor for a door panel assembly operation in a car assembly line and prevent noise from occurring due to the collision of a wire harness against a door inner panel.

SOLUTION: The door inner panel 11 is supported on a wire holding device 13 by inserting positioning holes 11a provided in the door inner panel 11 onto the wire support part 13b of the wire holding device 13 vertically installed on an assembly work table 12 at a specified position. Next, the wire harness W/H is directly laid down on the surface of the door inner panel 11 along the wire support part 13b projected from the surface of the door inner panel 11. After the laid wire harness W/H is fixed onto the surface of the door inner panel 11 through a fixing member, the wire harness W/H is removed together with the door inner panel 11 from the wire holding device 13.

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